

## MOLLY-S

~25° spot beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.8 mm
Height	24.8 mm
Fastening	
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.7 kg
Quantity in Box	198 pcs
ROHS compliant	yes ⓘ


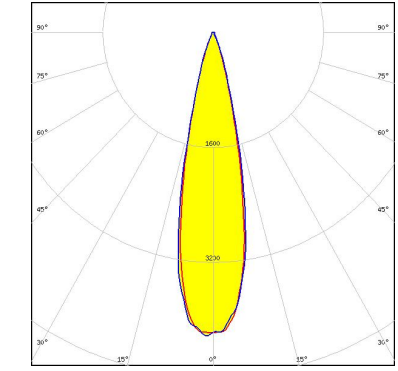
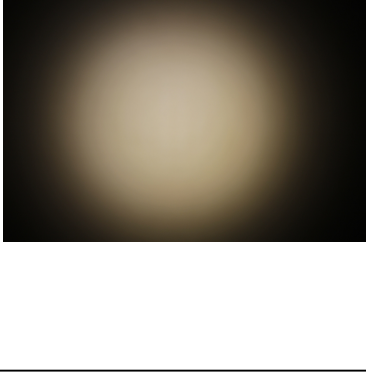
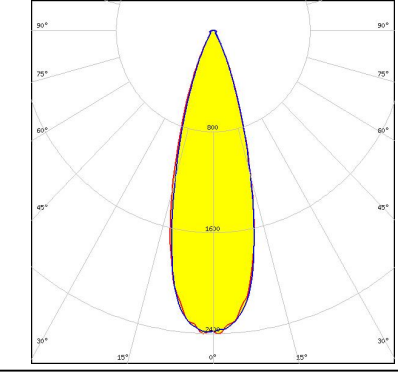

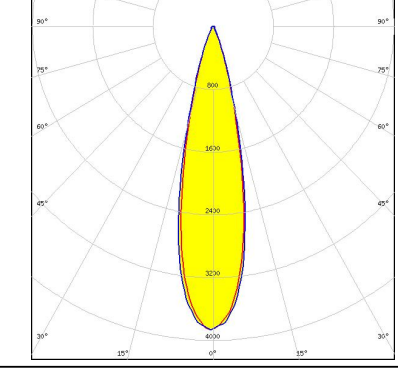
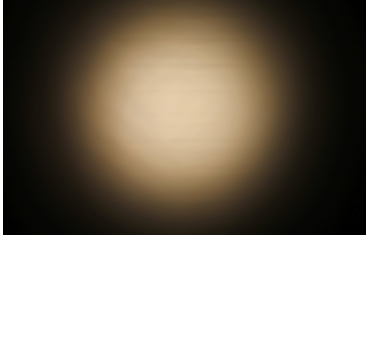
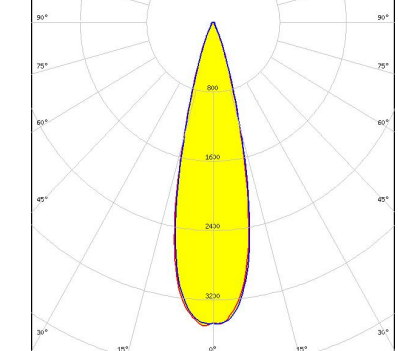


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
MOLLY-S	Lens	PMMA	clear



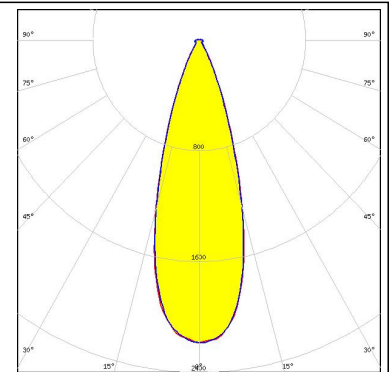
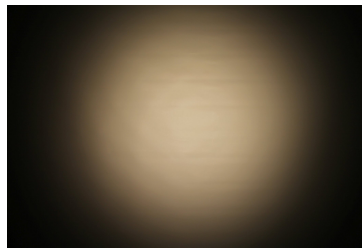
#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED           Vero SE 13</p> <p>FWHM        23.0°</p> <p>Efficiency    90 %</p> <p>Peak intensity 4.200 cd/lm</p> <p>Required components:</p> <p>    C16402_CLAMP-VEROSE-13-18</p>		
<p>bridgelux.</p> <p>LED           Vero SE 18</p> <p>FWHM        31.0°</p> <p>Efficiency    88 %</p> <p>Peak intensity 2.400 cd/lm</p> <p>Required components:</p> <p>    C16402_CLAMP-VEROSE-13-18</p>		
<p><b>CITIZEN</b></p> <p>LED           CLL03x/CLU03x</p> <p>FWHM        23.0°</p> <p>Efficiency    87 %</p> <p>Peak intensity 3.870 cd/lm</p> <p>Required components:</p> <p>    Bender Wirth: 433 Typ L1</p>		
<p><b>CREE</b> ⇄</p> <p>LED           CMA1840</p> <p>FWHM        26.0°</p> <p>Efficiency    91 %</p> <p>Peak intensity 3.500 cd/lm</p> <p>Required components:</p> <p>    C14123_CLAMP-CXA15-18</p>		

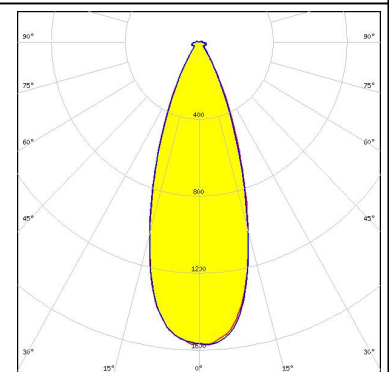
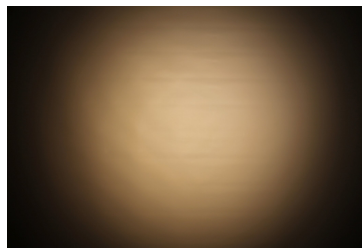
#### PHOTOMETRIC DATA (MEASURED):



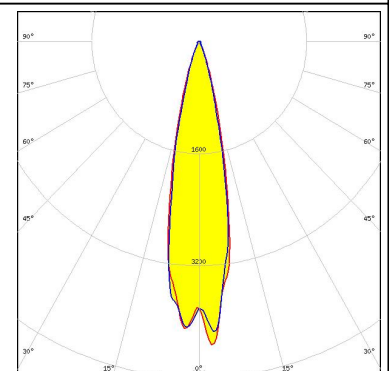
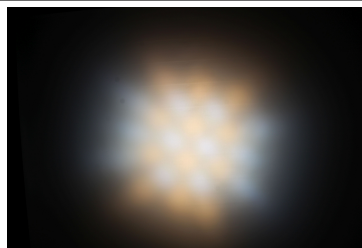
LED CMA2550  
 FWHM 32.0°  
 Efficiency 89 %  
 Peak intensity 2.200 cd/lm  
 Required components:  
 C14036\_CLAMP\_CXA25-30



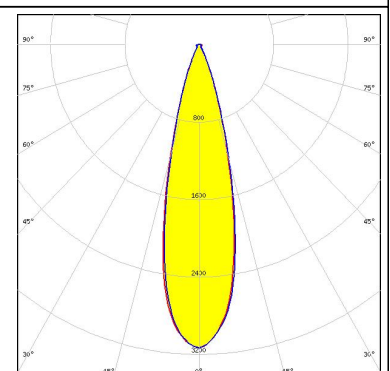
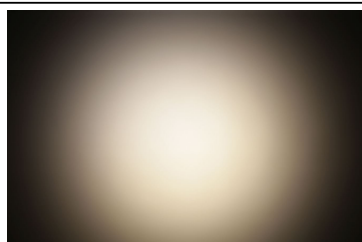
LED CMA3090  
 FWHM 37.0°  
 Efficiency 86 %  
 Peak intensity 1.600 cd/lm  
 Required components:  
 C14036\_CLAMP\_CXA25-30



LED CTM-14 (Tunable White)  
 FWHM 22.0°  
 Efficiency 89 %  
 Peak intensity 4.300 cd/lm  
 Required components:  
 C13584\_CLAMP-VERO29  
 Bender Wirth: 442 Typ L3



LED Fortimo SLM L15 Standard  
 FWHM 26.0°  
 Efficiency 88 %  
 Peak intensity 3.100 cd/lm  
 Required components:  
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



## PHOTOMETRIC DATA (MEASURED):

### XICATO

LED XIM - 19mm LES

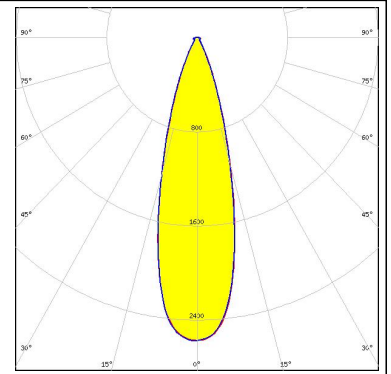
FWHM 28.0°

Efficiency 89 %

Peak intensity 2.600 cd/lm

Required components:

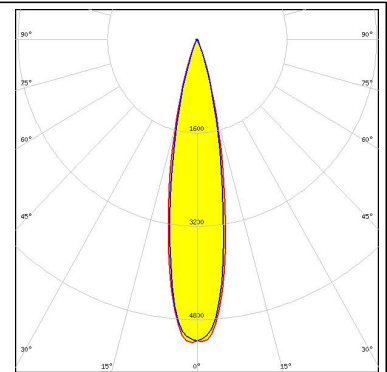
C16491\_XTM-ADAPTER-50-A



#### PHOTOMETRIC DATA (SIMULATED):

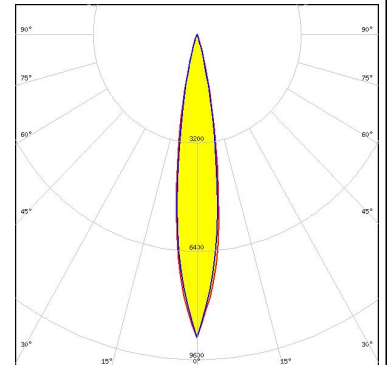


LED VERO13  
 FWHM 21.0°  
 Efficiency 90 %  
 Peak intensity 5.200 cd/lm  
 Required components:  
 C13658\_CLAMP-VERO13-18

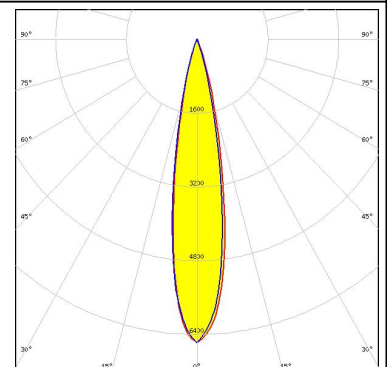


#### CITIZEN

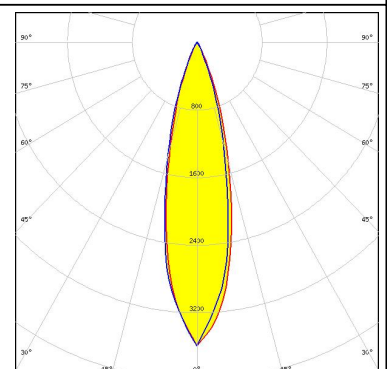
LED CLL02x/CLU02x (LES10)  
 FWHM 16.0°  
 Efficiency 87 %  
 Peak intensity 8.780 cd/lm  
 Required components:  
 Bender Wirth: 434 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 19.0°  
 Efficiency 89 %  
 Peak intensity 6.450 cd/lm  
 Required components:  
 LEDiL: C14123\_CLAMP-CXA15-18



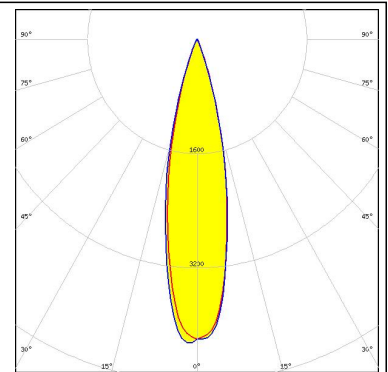
LED CXA/B 25xx  
 FWHM 25.0°  
 Efficiency 85 %  
 Peak intensity 3.500 cd/lm  
 Required components:  
 LEDiL: C14036\_CLAMP-CXA25-30



### PHOTOMETRIC DATA (SIMULATED):

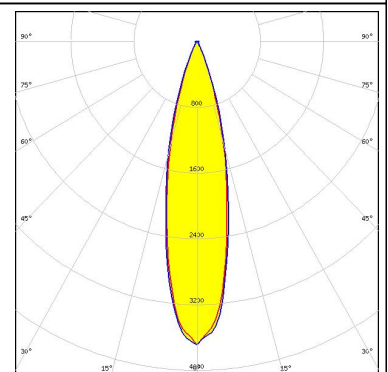
#### TRIDONIC

LED SLE G6 LES15 H D50  
FWHM 23.0°  
Efficiency 82 %  
Peak intensity 0.000 cd/lm  
Required components:  
TE: OPTIC CLIP Z50 TYPE1 2213194-1



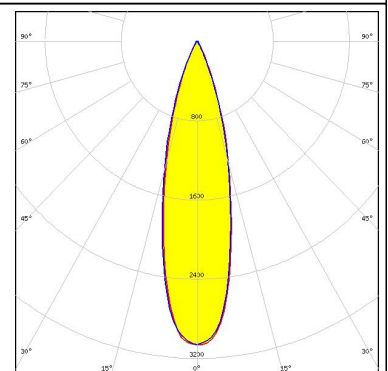
#### TRIDONIC

LED SLE G6 LES17 H  
FWHM 27.0°  
Efficiency 85 %  
Peak intensity 3.700 cd/lm  
Required components:  
TE: OPTIC CLIP Z50 TYPE1 2213194-1



#### TRIDONIC

LED SLE G6 LES19 H  
FWHM 26.0°  
Efficiency 81 %  
Peak intensity 3.070 cd/lm  
Required components:  
TE: OPTIC CLIP Z50 TYPE1 2213194-1



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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